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Aug-24-2022:

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Website registration is must for video access

=====Registration link====

<https://www.zeyobron.com/auth/register>

Pls register and post the name and phone number

====> If already registered pls ignore

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Aug-25-2022:

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All set Saturday sharp 8.20am IST

Pls join below Meeting details.

Meeting details

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Computer (Recommended)

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<https://us02web.zoom.us/j/8342497836?pwd=RGhZT0JEaldEcFE1cDlyNW56YktZZz09>

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Through mobile

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Download zoom meeting

app

8342497836

Password – 780766

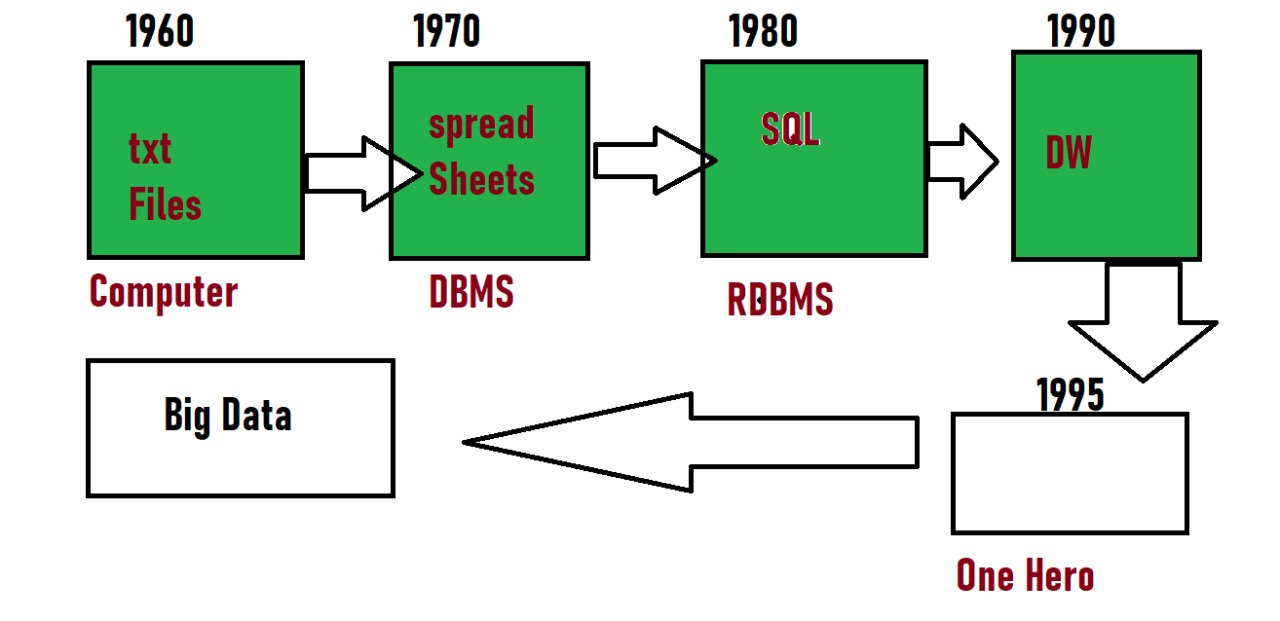
===========================

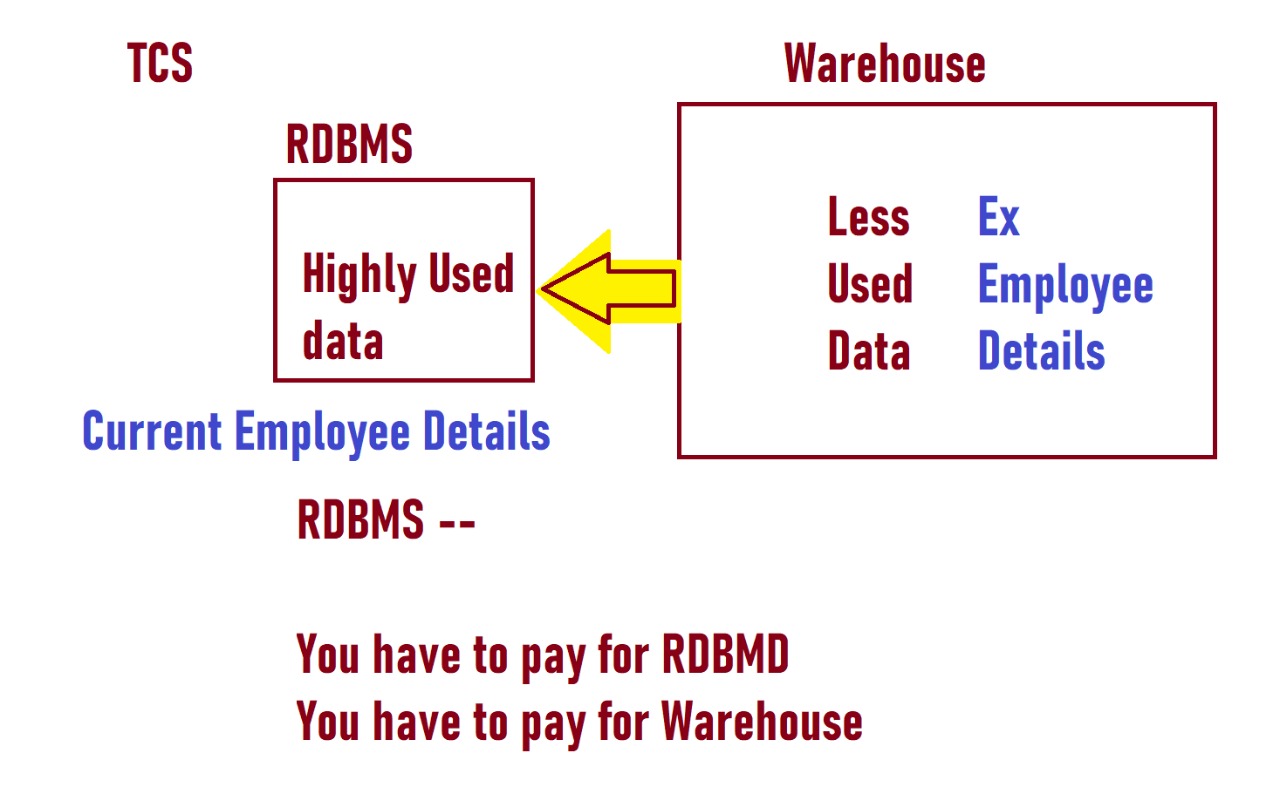
Aug-27-2022:

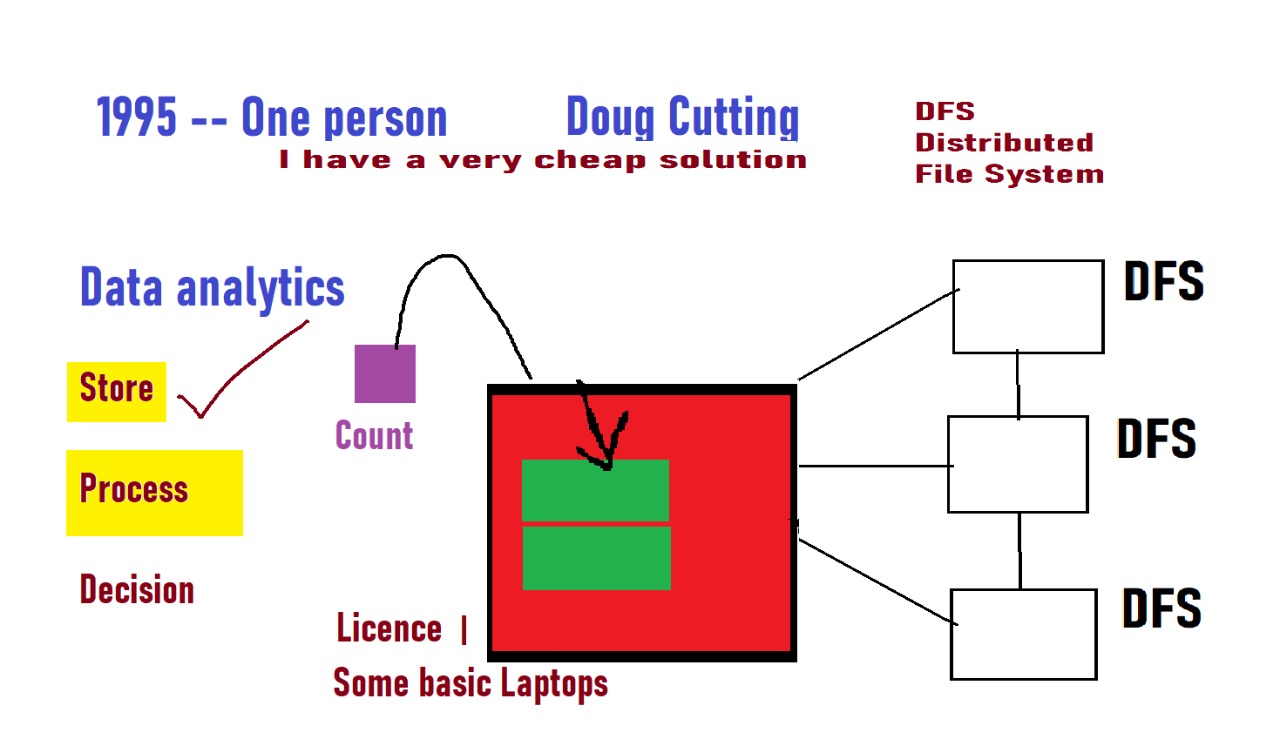
===========================

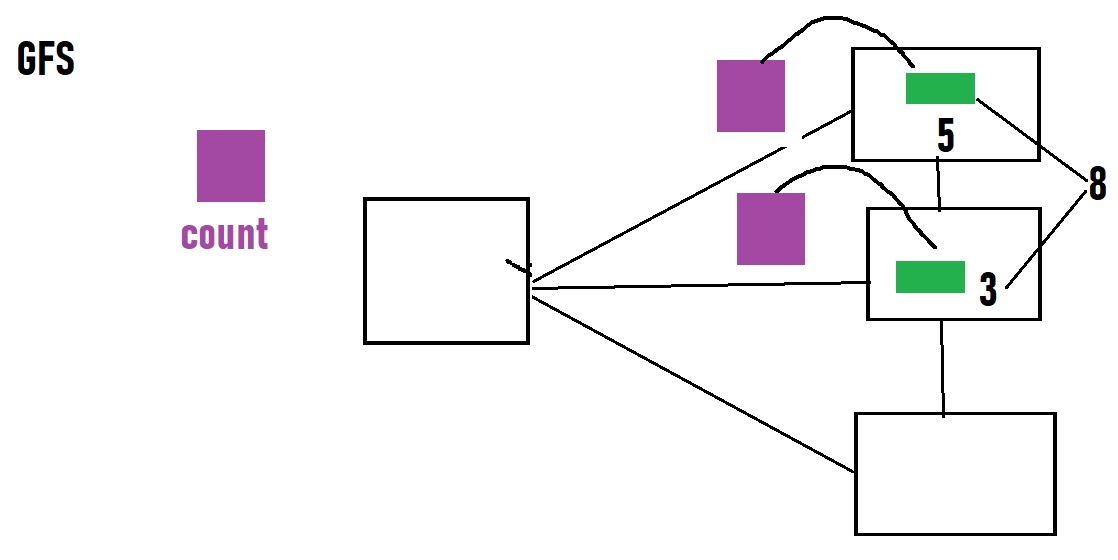
If not yet registered or if not login is not working. Pls register at below URL and post Name and Number in the Batch Group

<https://www.zeyobron.com/auth/register>









1960 -- txt

1970 -- DBMS

1980 -- RDBMS

1990 -- DW

1995 -- DFS (Failed)

2000+ -- Hey Google can you tell me how you deal data analytics

2003 --- Open paper -- Storage -- GFS --- Doug Cutting

GFS=== DFS

2004 --- Process -- Map Reduce for processing --- Doug Cutting Took this Papers

He started reading it. and completely literally Shocked

2005 ---Similar Mapreduce framework for DFS

2006 --- -- name (DFS and Mapreduce)-- Where is my Hadoop ?

Son's Elephant Doll Name

Hadoop -- Technology Author -- Roger ---

Big data analytics is possible using Hadoop --- Book

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7z (Window Users) --- Download

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<https://www.7-zip.org/a/7z2201-x64.exe>

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Oracle Virtual Box --- Download

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Window Users

<https://download.virtualbox.org/virtualbox/6.1.36/VirtualBox-6.1.36-152435-Win.exe>

Ubuntu Users

<https://www.virtualbox.org/wiki/Linux_Downloads>

Mac Users

<https://download.virtualbox.org/virtualbox/6.1.36/VirtualBox-6.1.36-152435-OSX.dmg>

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Putty (Window users)

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<https://the.earth.li/~sgtatham/putty/latest/w64/putty.exe>

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Mobaxterm Download(Window users)

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Windows

<https://download.mobatek.net/2212022060563542/MobaXterm_Installer_v22.1.zip>

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Cloudera --- Any one link to download (MAC , Window, Ubuntu)

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Use Any One

<https://drive.google.com/file/d/11VyzQsPt5xIwGVHqbDwOcjMj63WiGfKa/view?usp=sharing>

<https://drive.google.com/file/d/1VYNYI6Cmj0_Ko4BPGcztMj7PRAWL7XH6/view?usp=sharing>

<https://drive.google.com/file/d/1d538E823H4GuTVWcCLUJC6xpkYWsW_WO/view?usp=sharing>

<https://drive.google.com/file/d/1ebMjbwzC4Thrb-LnmpihHIpa4TBFL_qH/view?usp=sharing>

<https://drive.google.com/file/d/1ZVZgJnmCyyHmM2AoEHjlAUx8H5ResG8V/view?usp=sharing>

<https://drive.google.com/file/d/1Hx5fAeiAXd2aRe046yK1755zh2csdg9G/view?usp=sharing>

<https://zeyodevbb.s3.amazonaws.com/Sai_Zeyobron_Powered_Cloudera.zip?X-Amz-Algorithm=AWS4-HMAC-SHA256&X-Amz-Credential=AKIA5TH4P6EXLQC3OUV2%2F20220828%2Fap-south-1%2Fs3%2Faws4_request&X-Amz-Date=20220828T043054Z&X-Amz-Expires=3600&X-Amz-SignedHeaders=host&X-Amz-Signature=6f49882a6c0516aff6e0aaeef27f12b4ba245381a96df145f6a712333d108998>

<https://drive.google.com/file/d/11sEiI7f5jM4v7-O8QZBw6sSC6yJDn1Nh/view?usp=sharing>

<https://drive.google.com/file/d/1u7F9hLdnWAk0DiflDnymjEDFB21vA2kR/view?usp=sharing>

<https://drive.google.com/file/d/1T3y3qXXEcnSDcg5WFxZElTc8n5vhJcEQ/view?usp=sharing>

<https://drive.google.com/file/d/1ycm76Y3Pji5XUBIsdQquR2ToBZPghrzO/view?usp=sharing>

<https://drive.google.com/file/d/1yjNZD4m_yLlHmfkk0XjaQVSazWqdQP5f/view?usp=sharing>

<https://drive.google.com/file/d/1DPSfwelNTK4vFgccipeSmNGWCuCSEAIe/view?usp=sharing>

<https://drive.google.com/file/d/1-4xh-vo2kQyy_koPXesVB8E22NT7kASF/view?usp=sharing>

<https://drive.google.com/file/d/1TJLcu1o1ymKz-2Dz8ZtiBQxUXaDfayEW/view?usp=sharing>

<https://drive.google.com/file/d/1mTlcm71Vtm9WoIcTYRPSrwP0OSxVCtyy/view?usp=sharing>

<https://drive.google.com/file/d/1RxCwKrV1cLeiIAr95T1d2VH-qoJULLBB/view?usp=sharing>

<https://drive.google.com/file/d/19jUP51V_95mQ1aAZVCa8dGFTP6p1t8nc/view?usp=sharing>

<https://drive.google.com/file/d/1Cfow1iNyy_Nveo72SWyR9RVQLFkXRgHF/view?usp=sharing>

<https://drive.google.com/file/d/15RNIYynf_gSSC2v1nvCMR6OxE-AA3xR5/view?usp=sharing>

S3 Link for Cloudera Download

<https://zeyodevbb.s3.amazonaws.com/Sai_Zeyobron_Powered_Cloudera.zip?X-Amz-Algorithm=AWS4-HMAC-SHA256&X-Amz-Credential=AKIA5TH4P6EXLQC3OUV2%2F20220828%2Fap-south-1%2Fs3%2Faws4_request&X-Amz-Date=20220828T055457Z&X-Amz-Expires=3600&X-Amz-SignedHeaders=host&X-Amz-Signature=c02504e8f62b6f32502607bc240db014fe5cf5b0960b3326d508d6edd52495d3>

Cloudera

Easy to download with below link

<https://zeyodevbb.s3.amazonaws.com/Sai_Zeyobron_Powered_Cloudera.zip>

Set up -- Try Max Or Follow the Lab Access Proceedure

Installation Steps

Step 1- Windows -- Install 7z -

Step 2 -- Windows/MAC/Ubuntu -- Install Virtual Box

Step 3 ---

Windows - Extract Cloudera using 7z

Mac - Extract Cloudera using unarchiver

Linux - Extract Cloudera of Unzip

Step 4 --- Open Virtual Box and Pull extracted Cloudera

If you get 32-bit - Windows -- enable VtxTechnology

Use Mobile- Open Below Video

Windows 10 --

<https://www.youtube.com/watch?v=MOuTxfzCvMY>

Windows 11 --

<https://www.youtube.com/watch?v=UMo-is3fjPI>

<https://www.youtube.com/watch?v=0WuFGCn036E>

<https://www.youtube.com/watch?v=t8f-zw_wcWM>

Step 5 --- Proceed with 64 Bit --

New -> 64 Bit --->Set memory

16GB- 5000

8GB -4000

4GB -2700

Next ---> Select Third option --> Click Folder ---> +ADD -- Go to the extracted Folder - Pull Orange Icon File ----> Choose --> ok ---> Setting -> General -- advanced -- Both bidirectional

Step 6 ---- Start -- If it abruptly closes -- Enable VTX

Step 7 -- If you face strange issue -- Change Setting -- System - Increase the Core

I decided to go with Lab access

Join below Group

https://chat.whatsapp.com/DCNJMvK0fOK4Ri1vf8kyIw

Post rs.1000 Screenshot with your Emaild ID

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Mode --- Gpay/Phonepe/Paytm

7395899448

Sai Aditya/zeyobron

or

8807785310

Zeyobf/Manjula

or

8220177981

Vasudha

==================================

Zelle

4054761103

Loknadh ANNAVARAPU

==================================

Net Banking

IFSC - CITI0000003

ACC- 5425766448

Name- SAI ADITYA P

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Payment Link -- Credit Card

<https://formbuilder.ccavenue.com/live/ccavenue/zeyobron-analytics>

Cloudera Installation Video

<https://youtu.be/xsTbkZ8r1qo>

Cloudera download links (anyone is fine)

<https://drive.google.com/file/d/1u7F9hLdnWAk0DiflDnymjEDFB21vA2kR/view?usp=sharing>

<https://drive.google.com/file/d/1T3y3qXXEcnSDcg5WFxZElTc8n5vhJcEQ/view?usp=sharing>

<https://drive.google.com/file/d/1ycm76Y3Pji5XUBIsdQquR2ToBZPghrzO/view?usp=sharing>

<https://drive.google.com/file/d/1yjNZD4m_yLlHmfkk0XjaQVSazWqdQP5f/view?usp=sharing>

<https://drive.google.com/file/d/1DPSfwelNTK4vFgccipeSmNGWCuCSEAIe/view?usp=sharing>

<https://drive.google.com/file/d/1-4xh-vo2kQyy_koPXesVB8E22NT7kASF/view?usp=sharing>

<https://drive.google.com/file/d/1TJLcu1o1ymKz-2Dz8ZtiBQxUXaDfayEW/view?usp=sharing>

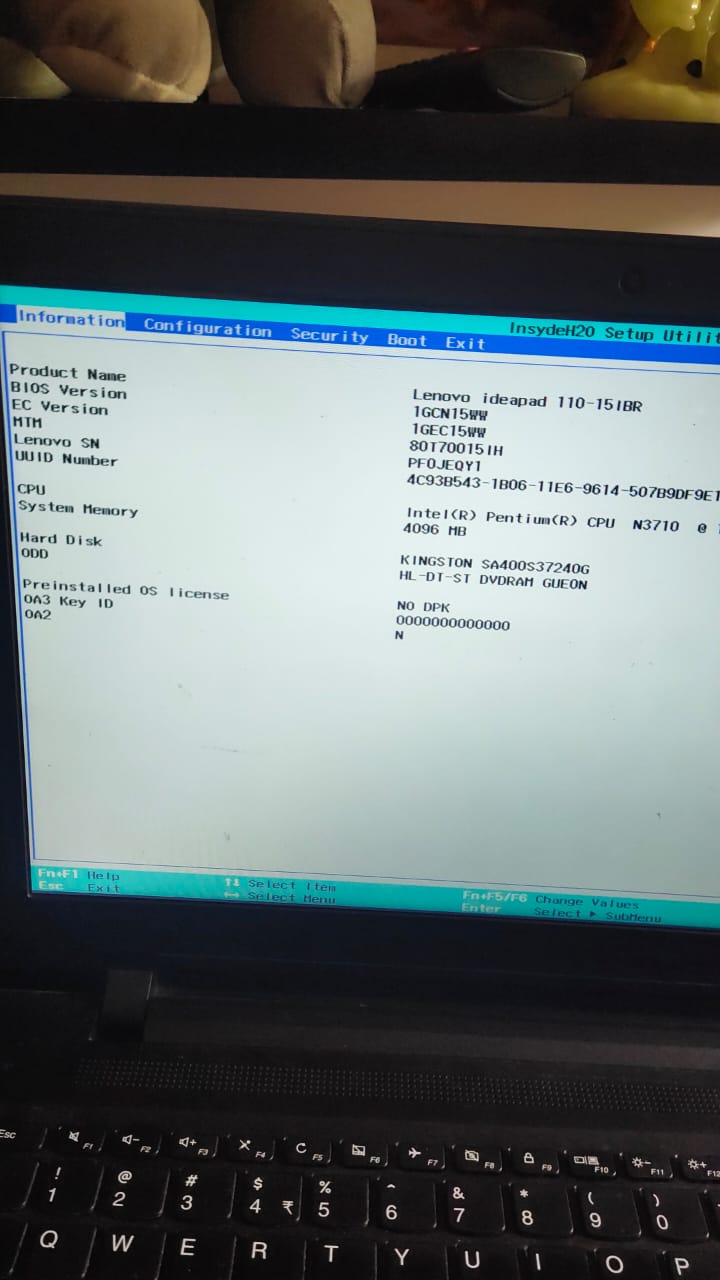
<https://drive.google.com/file/d/1mTlcm71Vtm9WoIcTYRPSrwP0OSxVCtyy/view?usp=sharing>

<https://drive.google.com/file/d/1RxCwKrV1cLeiIAr95T1d2VH-qoJULLBB/view?usp=sharing>

<https://drive.google.com/file/d/19jUP51V_95mQ1aAZVCa8dGFTP6p1t8nc/view?usp=sharing>

<https://drive.google.com/file/d/1Cfow1iNyy_Nveo72SWyR9RVQLFkXRgHF/view?usp=sharing>

<https://drive.google.com/file/d/15RNIYynf_gSSC2v1nvCMR6OxE-AA3xR5/view?usp=sharing>



Major Updates

1) Lab Final Names would be taken tomorrow

2) ACTIVATE LAB IN JUST 2 MIN

<https://youtu.be/FgySJ1mykvU>

3) Hadoop 2.0 is major topic

cd

mkdir zdir

ll (validate it)

cd zdir (go inside zdir)

touch zeyofile (create empty file)

ll (validate it)

rm zeyofile (remove file)

cd ..

pwd (/home/cloudera/)

rmdir zdir (remove directory)

ll (zdir should not exist)

Task 1 ---

cd

mkdir z1

cd z1

mkdir z11

cd z11

pwd (/home/cloudera/z1/z11)

mkdir /home/cloudera/z2/ ( lab mkdir /home/<LABUSER>/z2/ )

ls /home/cloudera/ ( lab ls /home/<LABUSER>/ )

Task 2 ---

cd

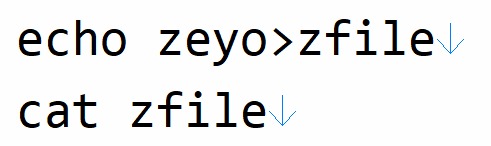
echo zeyobron>zeyofile

cat zeyofile

Putty connect Video

<https://youtu.be/QACCTS9ioTQ>

Pls watch the whole video instructions then start connecting to it



Cloudera Folks

cd

ls /home/cloudera/

mkdir /home/cloudera/zzdir

touch /home/cloudera/zzdir/zeyofile

rm /home/cloudera/zzdir/zeyofile

rmdir /home/cloudera/zzdir

ls /home/cloudera/

cd

hadoop fs -ls /user/cloudera/

hadoop fs -mkdir /user/cloudera/zzdir

hadoop fs -ls /user/cloudera/

hadoop fs -touchz /user/cloudera/zzdir/zeyofile

hadoop fs -ls /user/cloudera/zzdir/

hadoop fs -rm /user/cloudera/zzdir/zeyofile

hadoop fs -rmdir /user/cloudera/zzdir

hadoop fs -ls /user/cloudera/ (zzdir will not exist)

Lab Folks

cd

ls /home/<LABUSER>/

mkdir /home/<LABUSER>/zzdir

touch /home/<LABUSER>/zzdir/zeyofile

rm /home/<LABUSER>/zzdir/zeyofile

rmdir /home/<LABUSER>/zzdir

ls /home/<LABUSER>/

cd

hadoop fs -ls /user/<LABUSER>/

hadoop fs -mkdir /user/<LABUSER>/zzdir

hadoop fs -ls /user/<LABUSER>/

hadoop fs -touchz /user/<LABUSER>/zzdir/zeyofile

hadoop fs -ls /user/<LABUSER>/zzdir/

hadoop fs -rm /user/<LABUSER>/zzdir/zeyofile

hadoop fs -rmdir /user/<LABUSER>/zzdir

hadoop fs -ls /user/<LABUSER>/ (zzdir will not exist)

**Cloudera Safe mode command**

Hadoop dfsadmin –safemode leave

Cloudera Folks

hadoop dfsadmin -safemode leave

cd

echo zeyobron>zfile

cat zfile ( you will see zeyobron )

hadoop fs -put /home/cloudera/zfile /user/cloudera/

hadoop fs -ls /user/cloudera/

hadoop fs -cat /user/cloudera/zfile ( you will see zeyobron )

Lab Folks

cd

echo zeyobron>zfile

cat zfile ( you will see zeyobron )

hadoop fs -put /home/<LABUSER>/zfile /user/<LABUSER>/

hadoop fs -ls /user/<LABUSER>/

hadoop fs -cat /user/<LABUSER>/zfile ( you will see zeyobron )

Cloudera Folks

hadoop dfsadmin -safemode leave

cd

echo zeyobron>zfile

cat zfile ( you will see zeyobron )

hadoop fs -put /home/cloudera/zfile /user/cloudera/

hadoop fs -ls /user/cloudera/

hadoop fs -cat /user/cloudera/zfile ( you will see zeyobron )

Lab Folks

cd

echo zeyobron>zfile

cat zfile ( you will see zeyobron )

hadoop fs -put /home/<LABUSER>/zfile /user/<LABUSER>/

hadoop fs -ls /user/<LABUSER>/

hadoop fs -cat /user/<LABUSER>/zfile ( you will see zeyobron )

Cloudera Folks

rm zfile (give y)

cat zfile ( no file)

hadoop fs -get /user/cloudera/zfile /home/cloudera/

ls

cat zfile

Lab Folks

rm zfile (give y)

cat zfile ( no file)

hadoop fs -get /user/<LABUSER>/zfile /home/<LABUSER>/

ls

cat zfile

Tasks Updated (Lab Folks might face issues. Corrected here)

Cloudera Folks

hadoop dfsadmin -safemode leave

cat data.avro | head -10

click ctrl+c (comes out to terminal)

hadoop fs -put /home/cloudera/data.avro /user/cloudera

hadoop fs -ls /user/cloudera

hadoop fs -cat /user/cloudera/data.avro

Lab Folks

sqoop import -Dmapreduce.job.user.classpath.first=true --connect jdbc:mysql://ms.itversity.com/nyse\_export --username nyse\_user --password itversity --table zeyotab1 --m 1 --delete-target-dir --target-dir /user/<LABUSER>/avrodata --as-avrodatafile

hadoop fs -cat /user/<LABUSER>/avrodata/\*

Lab Folks Please execute below commands before the session starts

mysql --host=zeyod2.czgbk94pezaa.ap-south-1.rds.amazonaws.com --user=root --password=Aditya908

create database <LABUSER>;

Mention your lab username in the command

Cloudera Folks

hadoop fs -put -f /home/cloudera/data.avro /user/cloudera

hadoop fs -cat /user/cloudera/data.avro | head -4

ctrl+c in keyboard

hadoop fs -text /user/cloudera/data.avro | head -4 (readable)

Lab Folks

sqoop import --connect jdbc:mysql://zeyod2.czgbk94pezaa.ap-south-1.rds.amazonaws.com/zeyodb --username root --password Aditya908 --table data --delete-target-dir --m 1 --target-dir /user/<LABUSER>/datadir --as-avrodatafile

hadoop fs -cat /user/<LABUSER>/datadir/\*

ctrl+c in keyboard

hadoop fs -text /user/<LABUSER>/datadir/\*

Cloudera Folks how do not have data.avro

sqoop import --connect jdbc:mysql://zeyod2.czgbk94pezaa.ap-south-1.rds.amazonaws.com/zeyodb --username root --password Aditya908 --table data --delete-target-dir --m 1 --target-dir /user/cloudera/datadir --as-avrodatafile

hadoop fs -cat /user/cloudera/datadir/\*

ctrl+c in keyboard

hadoop fs -text /user/cloudera/datadir/\*